



HESS TIOGA GAS PLANT LLC
10340 68th Street NW
Tioga, ND 58852

September 14, 2015

NEXT DAY DELIVERY

Office of Enforcement, Compliance & Environmental Justice (8ENF-T)
U.S. Environmental Protection Agency Region VIII
1595 Wynkoop Street
Denver, Colorado 80202-1129

RECEIVED
SEP 15 2015
ECEJ-AT

Re: SEMI-ANNUAL MONITORING REPORT
LEAK DETECTION AND REPAIR PROGRAM
TIOGA GAS PLANT
PERMIT NO. T5-082002

Dear Madam/Sir:

Attached please find the semi-annual monitoring report for the Tioga Gas Plant New Source Performance Standard (NSPS) Subpart OOOO applicable leak detection and repair program. The report covers the time period from March 1, 2015 through August 31, 2015. The initial monitoring event of the new plant's piping components was completed in August of 2014.

If you should have any questions regarding this information, please contact me at (713) 496-4204.

Sincerely,

Michael D. Ford
Senior Environmental Advisor

MDF:LDARRPT8-15LTR.DOC

Attachment

cc: Mr. Justin Mayer
North Dakota Department of Health
918 East Divide Avenue, 2nd Floor
Bismarck, North Dakota 58501-1947

**STANDARDS OF PERFORMANCE FOR VOC EQUIPMENT LEAKS
SEMI-ANNUAL REPORT (40 CFR 60) Subpart: EPA60-0000**

Company: **HESS CORPORATION**

Compliance Group: **HESS CORPORATION**

Reporting Period:

3/1/2015 Through 8/31/2015

9/10/2015

Semiannual Monitoring Results 40 CFR 60.5422 40 CFR 60.487 Reporting Requirements		March	April	May	June	July	August
60.5422(a) & 60.487a (c)(2)(i)	No. Valves Leaks Detected	48	1	17	81	12	13
60.5422(a) & 60.487a (c)(2)(ii)	Not Repaired <= 15 Days	48	0	3	45	4	10
60.5422(a) & 60.487a (c)(2)(iii)	No. Pump Leaks Detected	1	0	0	0	3	0
60.5422(a) & 60.487a (c)(2)(iv)	Not Repaired <= 15 Days	1	0	0	0	2	0
60.5422(a) & 60.487a (c)(2)(v)	No. Compr Leaks Detected	0	0	0	0	0	0
60.5422(a) & 60.487a (c)(2)(vi)	Not Repaired <= 15 Days	0	0	0	0	0	0
60.5422(a) & 60.487a (c)(2)(vii)	No. Connector Leaks Detected	0	0	0	0	0	0
60.5422(a) & 60.487a (c)(2)(viii)	Not Repaired <= 15 Days	0	0	0	0	0	0
60.5422(c)(1) & 60.5401(b)(2)	No. Relief Device Leaks Detected	0	0	0	0	0	0
60.5422(c)(2) & 60.5401 (b)(3)	Not Repaired <= 15 Days	0	0	0	0	0	0

Dates & Details of Process Unit Shutdowns During Reporting Period

40 CFR 60.5422(a) & 40 CFR 60.487a (c)(2) & (c)(4)

Month	# of Days	Comments About Outage/Shutdown/Turnaround
March		
April		
May		
June		
July		
August		



60.5422(a), 60.487 (b)(3) - (b)(5), and 60.5401(b) - Reporting of Inventory Revisions

Reportable Inventory Components	Previous Period Ending: 2/28/2015	Current Period Ending: 8/31/2015
Valves - (Excluding No Detectable Emission) 60.5422(a) & 60.487a (b)(2)	4,458	4,461
Pumps - (Excluding Dual-Seal and Closed Vent) 60.5422(a) & 60.487a (b)(3)	12	12
Compressors - 60.5422(a) & 60.487a (b)(4)	10	10
Connectors 60.5422(a) & 60.487a (b)(5)	11,057	11,073
Pressure Relief Devices that Vent to Atmosphere 60.5422(a) & 60.5401 (b)	0	0

Facility: HESS CORPORATION

Unit: AMINE SWEETENING

Regulation: EPA60-OOOO

Monitoring Score Card Report

Report Period: 3/1/2015 to 8/31/2015

Print Date: 9/11/2015 10:49:17AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
CONECT	N	4	9	0	0	0	0.00	0	0	0	0	0	0
RELIEF	N	E	1	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	3	3	0	0	0.00	0	0	0	0	0	0
Totals for AMINE SWEETENING			13	3	0	0	0.00	0	0	0	0	0	0

Facility: HESS CORPORATION
Unit: DEBUTANIZER FRACTIONATION
Regulation: EPA60-OOOO

Monitoring Score Card Report

Report Period: 3/1/2015 to 8/31/2015

Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
CONNECT	N	4	1,009	0	0	0	0.00	0	0	0	0	0	0
PUMP	N	M	4	4	0	0	0.00	0	0	0	0	0	0
RELIEF	N	E	3	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	A	7	7	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	350	350	7	0	2.00	0	7	7	0	0	0
Totals for DEBUTANIZER FRACT			1,373	361	7	0	1.94	0	7	7	0	0	0

Facility: HESS CORPORATION
Unit: DEETHANIZER
Regulation: EPA60-OOOO

Monitoring Score Card Report

Report Period: 3/1/2015 to 8/31/2015

Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
CONNECT	N	4	517	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	A	2	2	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	209	209	6	2	2.87	2	4	6	0	0	2
Totals for DEETHANIZER			728	211	6	2	2.84	2	4	6	0	0	2

Facility: HESS CORPORATION
Unit: DEPROPANIZER FRACTIONATION
Regulation: EPA60-0000

Monitoring Score Card Report
Report Period: 3/1/2015 to 8/31/2015
Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
CONNECT	N	4	1,316	3	0	0	0.00	2	0	0	0	0	0
PUMP	N	M	1	1	0	0	0.00	0	0	0	0	0	0
RELIEF	N	E	6	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	A	8	8	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	506	506	12	0	2.37	0	12	11	0	0	0
Totals for DEPROPANIZER FRAC			1,837	518	12	0	2.32	2	12	11	0	0	0

Facility: HESS CORPORATION
Unit: MOLE SIEVE DEHYDRATION
Regulation: EPA60-OOOO

Monitoring Score Card Report

Report Period: 3/1/2015 to 8/31/2015

Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
COMPR	N	E	2	0	0	0	0.00	0	0	0	0	0	0
CONNECT	D	4	4	0	0	0	0.00	0	0	0	0	0	0
CONNECT	N	4	1,459	2	0	0	0.00	1	0	0	0	0	0
RELIEF	N	E	10	0	0	0	0.00	0	0	0	0	0	0
VALVE	D	A	3	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	A	7	7	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	725	725	21	3	2.90	3	18	20	0	0	0
Totals for MOLE SIEVE DEHYDR			2,210	734	21	3	2.86	4	18	20	0	0	0

Facility: HESS CORPORATION
Unit: NGL EXTRACTION
Regulation: EPA60-OOOO

Monitoring Score Card Report

Report Period: 3/1/2015 to 8/31/2015

Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
COMPR	N	E	1	0	0	0	0.00	0	0	0	0	0	0
CONECT	N	A	16	0	0	0	0.00	0	0	0	0	16	0
CONECT	D	4	26	0	0	0	0.00	0	0	0	0	0	0
CONECT	N	4	1,338	1	0	0	0.00	0	0	0	0	0	0
PUMP	N	M	2	2	2	0	100.00	0	2	1	0	0	0
RELIEF	N	E	14	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	M	1	1	1	0	100.00	0	1	1	0	0	0
VALVE	N	A	4	2	0	0	0.00	0	0	0	0	0	0
VALVE	D	A	15	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	785	785	23	1	2.93	1	20	19	0	8	1
Totals for NGL EXTRACTION			2,202	791	26	1	3.29	1	23	21	0	24	1

Facility: HESS CORPORATION
Unit: PRODUCT STORAGE SYSTEM
Regulation: EPA60-OOOO

Monitoring Score Card Report
Report Period: 3/1/2015 to 8/31/2015
Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
CONNECT	N	4	1,636	0	0	0	0.00	0	0	0	1	0	0
PUMP	N	M	5	5	1	0	20.00	0	1	1	0	0	0
RELIEF	N	E	14	0	0	0	0.00	0	0	0	0	0	0
VALVE	D	A	5	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	A	26	13	1	0	7.69	0	1	1	0	0	0
VALVE	N	Q	562	562	23	1	4.09	2	14	14	4	0	0
Totals for PRODUCT STORAGE S			2,248	580	25	1	4.31	2	16	16	5	0	0

Facility: HESS CORPORATION
Unit: REFRIGERATION
Regulation: EPA60-OOOO

Monitoring Score Card Report

Report Period: 3/1/2015 to 8/31/2015

Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
CONNECT	N	A	1	1	0	0	0.00	0	0	0	0	0	0
CONNECT	D	4	78	0	0	0	0.00	0	0	0	0	0	0
CONNECT	N	4	1,292	0	0	0	0.00	0	0	0	0	0	0
RELIEF	N	E	10	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	A	8	8	0	0	0.00	0	0	0	0	0	0
VALVE	D	A	18	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	598	598	11	0	1.84	2	10	10	0	0	0
Totals for REFRIGERATION			2,005	607	11	0	1.81	2	10	10	0	0	0

Facility: HESS CORPORATION
Unit: STABILIZER OVHD. COMPRESSOR
Regulation: EPA60-O000

Monitoring Score Card Report

Report Period: 3/1/2015 to 8/31/2015

Print Date: 9/11/2015 10:49:21AM

Component Class	Monitor Category	Monitor Frequency	Active Component Count	Components Monitored	Number of Leaking	Number of Not Repaired	% Leak	Number of Repair Delay	Repair Later than 1st Attempt Date	Repair later than Effective Repair Date	OOS	Comps. Added	Comps. Deleted
COMPR	N	E	7	0	0	0	0.00	0	0	0	0	0	0
CONNECT	D	4	37	0	0	0	0.00	0	0	0	0	0	0
CONNECT	N	4	2,370	2	0	0	0.00	0	0	0	0	0	0
RELIEF	N	E	26	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	A	11	11	0	0	0.00	0	0	0	0	0	0
VALVE	D	A	15	0	0	0	0.00	0	0	0	0	0	0
VALVE	N	Q	681	675	18	0	2.67	0	13	10	11	0	2
Totals for STABILIZER OVHD. CC			3,147	688	18	0	2.62	0	13	10	11	0	2
Summary Totals for EPA60-O000			15,763	4,493	126	7	2.80	13	103	101	16	24	5